

1 **We Claim:**

- 2 1) A method for reassembling a used toner cartridge comprising the steps of:
- 3 – providing a toner cartridge assembly, said toner cartridge assembly
- 4 having an endplate, a toner hopper assembly, a waste bin assembly and
- 5 a mounting area, said endplate connecting said toner hopper and said
- 6 waste bin assembly, said mounting area located on said toner cartridge
- 7 assembly,
- 8 – removing said endplate from the toner cartridge assembly,
- 9 – creating a hole in the endplate,
- 10 – mating an anchoring fixture with the mounting area,
- 11 – reattaching said endplate to the toner cartridge by using a securing
- 12 device, said securing device extending through the hole and
- 13 connecting to the anchoring fixture.
- 14 2) The method in claim 1 wherein the mounting area is an orifice.
- 15 3) The method in claim 1 wherein the anchoring fixture is mated to the mounting
- 16 area by pressure.
- 17 4) The method in claim 1 wherein the anchoring fixture is mated to the mounting
- 18 area by glue.
- 19 5) The method in claim 3 wherein the anchoring fixture further comprises a
- 20 contact rib.
- 21 6) The method in claim 1 wherein the anchoring fixture is metal.
- 22 7) The method in claim 1 wherein the anchoring fixture is plastic.
- 23 8) The method in claim 1 wherein the anchoring fixture is cylindrical.

- 1 9) A method for reassembling a used toner cartridge comprising the steps of:
- 2 – providing a toner cartridge assembly, said toner cartridge assembly
- 3 having an endplate, a toner hopper assembly, a waste bin assembly,
- 4 said endplate connecting said toner hopper and said waste bin
- 5 assembly, said toner hopper assembly and waste bin assembly together
- 6 having an orifice,
- 7 – removing said endplate from the toner cartridge assembly,
- 8 – creating a hole in the endplate,
- 9 – cleaning the orifice,
- 10 – attaching an anchoring fixture into the orifice,
- 11 – reattaching said endplate to the toner cartridge by screwing a securing
- 12 screw through the hole and into the anchoring fixture.
- 13 10) The method in claim 9 wherein a guide fixture is used to clean the orifice.
- 14 11) The method in claim 10 wherein a set-depth drill bit is used to clean the
- 15 orifice.
- 16 12) The method in claim 9 wherein the anchoring fixture is attached to the orifice
- 17 by pressure.
- 18 13) The method in claim 9 wherein the anchoring fixture is attached by glue.
- 19 14) The method in claim 12 wherein the anchoring fixture further comprises a
- 20 contact rib.
- 21 15) The method in claim 9 wherein the anchors are metal.
- 22 16) The method in claim 9 wherein the anchors are plastic.
- 23 17) The method in claim 9 wherein the anchors are cylindrical.

- 1 18) An anchoring fixture for use in a remanufactured toner cartridge comprising:
- 2 - a top surface, a supporting wall located below the top surface and
- 3 connected to said top surface, said supporting wall having a means for
- 4 mating with a mounting location, said mounting location positioned on said
- 5 remanufactured toner cartridge.
- 6 19) An anchoring fixture as in claim 18 further comprising a securing fixture
- 7 orifice.
- 8 20) The anchoring fixture as in claim 19 wherein the mounting location is an
- 9 orifice.
- 10 21) The anchoring fixture as in claim 19 further comprises an additional
- 11 supporting wall.
- 12 22) The anchoring fixture as in claim 19 wherein said supporting wall has an
- 13 interior surface and an exterior surface.
- 14 23) The anchoring fixture as in claim 22 further comprising a contact rib on said
- 15 exterior surface.
- 16 24) The anchoring fixture as in claim 22 further comprising a contact rib on said
- 17 interior surface.
- 18 25) The anchoring fixture as in claim 19 wherein the means for mating is an
- 19 adhesive.
- 20 26) The anchoring fixture as in claim 19 wherein the means for mating is a
- 21 compression fit.
- 22 27) The anchoring fixture as in claim 19 wherein the anchor is metal.
- 23 28) The anchoring fixture as in claim 19 wherein the anchor is plastic.

1 29) The anchoring fixture as in claim 19 wherein the anchor is cylindrical.